

**IN THE CLAIMS:**

This listing of claims will replace all prior versions and listings of claims in the application:

**Listing of Claims:**

1 – 22.      Canceled.

23(Currently Amended).      A method of data communication comprising:  
allocating a first time slot for a first data stream, wherein the first time slot is allocated by  
a first network manager function in a first network;  
allocating a second time slot for a second data stream, wherein the second time slot is  
allocated by a second network manager function in a second network, wherein the  
first data stream has a higher quality of service assigned than the second data  
stream.; and  
transmitting data streams between the first and second networks using corresponding time  
slots.

24(Currently Amended).      A method according to claim 23, wherein  
the data communication is over a cable network;  
the first network is a cable network, and  
the first time slot is allocated by a Data Over Cable Service Interface Specification  
(DOCSIS) manager; and  
the second time slot is allocated by a home network manager.

25(Previously Presented).      A method according to claim 24, wherein the second time  
slot immediately precedes the first time slot.

26(Previously Presented).      A method according to claim 24, wherein the first time slot  
immediately precedes the second time slot.

27(Currently Amended). A method according to claim 24, wherein  
the second network is a home network, the home network is one or more of a Bluetooth  
network and an IEEE802.11 network, and  
the second time slot is allocated by a home network manager function.

28(Currently Amended). A method according to claim 24 27, wherein the home network manager is configured to determine timing of the first data stream by exchanging messages with a cable modem termination system in the cable network.

29(Currently Amended). A method according to claim 24 27, wherein the home network is configured to determine timing of the first data stream using time-sync mechanism of DOCSIS.

30(Currently Amended). A method according to claim 23, wherein first and second time slots do [[ne]] not overlap.

31(Currently Amended). A method according to claim 24 27, further comprising:  
allocating a third time slot for a third data stream, wherein  
the third time slot is used by one or more devices associated with the home network to communicate with one or more of the home network, DOCSIS network, and other devices associated with the home network; and  
the third time slot immediately precedes one of the first and second time slots.